



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Serial No.:** 10/707,991  
**Application of:** Paolini, Jr., et al.  
**Confirmation No. :** 1990  
**Filed:** January 30, 2004  
**Group Art Unit:** 2873  
**Examiner:** Choi, William C.

**Attorney Docket No.:** H-364  
**Customer No.:** 26245

Cambridge, Massachusetts  
April 14, 2005

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

Sir:

The applicant is filing this Information Disclosure Statement to make of record US and foreign patents and applications, and non-patent references. The references it is desired to make of record are listed on the accompanying Forms.

All of the references filed herewith are in the English language so that, pursuant to 37 CFR 1.98(a)(3), no statement of the relevance of each reference is required.

The Examiner is respectfully asked to note that, for the convenience of both the Examiner and the undersigned attorney, certain prior art documents mentioned in the application have been replaced by their US equivalents or other convenient equivalents, as follows:

<u>Document not supplied</u>	<u>Alternative supplied</u>
ASN09/564,125	US6693620
US2002/0019081	US6825068
US2002/0021270	US6816147
US2002/0053900	US6512354
US2002/0063677	US6518949
US2002/0075556	US6788449
US2002/0131147	US6866760
US2002/0145792	US6538801
US2002/0171910	US6870661
US2002/0180688	US6864875
US2002/0185378	US6822782
US20020106847	US6683333
US2003/0011868	US6753999
US2003/0025855	US6831769
US2003/0034949	US6842167
US2003/0038755	US6819471
US2003/0053189	US6825970
US2003/0076573	US6704133
US2003/0096113	US6721083
US2003/0137717	US6839158
US2003/0189749	US6580545
US2003/0214697	US6865010
WO 00/38001	US6724519
WO 01/08241	US6842657
WO 02/01281	US6672921
WO 03/092077	US2003/222315
WO 03/104884	US2004/0027327
WO 99/67678	EP1145072B1

*Paolini, Jr., et al.*

*Serial No. 10/707,991*

*Information Disclosure Statement of April 14, 2005*

*Page 3*

In accordance with 37 CFR 1.98(a)(2) no copies of the listed U.S. patents and applications are being filed. Copies of Foreign Patent and Non-Patent References B1-B9 and C1-C16 are filed herewith.

Respectfully submitted,



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Substitute for form 1449/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Using as many sheets as necessary)

Sheet: 1 of: 8

## **Complete if Known**

Application Number	10/707,991
Filing Date	January 30, 2004
First Named Inventor	Paolini
Art Unit	2873
Examiner Name	Choi, William C.
Attorney Docket No.	H-364

## **U.S. Patent Documents**

Examiner Initials*	Cite No. *1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear
	A1	D485294	01/13/2004	Albert	
	A2	20050035941	02/17/2005	Albert et al.	
	A3	20040233509	11/25/2004	Zhang et al.	
	A4	20040196215	10/07/2004	Duthaler et al.	
	A5	20040180476	09/16/2004	Kazlas et al.	
	A6	20040155857	08/12/2004	Duthaler et al.	
	A7	20040136048	07/15/2004	Arango et al.	
	A8	20040119681	06/24/2004	Albert et al.	
	A9	20040112750	06/17/2004	Jacobson et al.	
	A10	20040105036	06/03/2004	Danner et al.	
	A11	20040094422	05/20/2004	Pullen et al.	
	A12	20040075634	04/22/2004	Gates	
	A13	20040027327	02/12/2004	LeCain et al.	
	A14	20040014265	01/22/2004	Kazlas et al.	
	A15	20040012839	01/22/2004	Cao et al.	
	A16	20030222315	12/04/2003	Amundson et al.	
	A17	20030214695	11/20/2003	Abramson et al.	
	A18	20030151702	08/14/2003	Morrison et al.	
	A19	20030137521	07/24/2003	Zehner et al.	
	A20	20030132908	07/17/2003	Herb et al.	
	A21	20030102858	06/05/2003	Jacobson et al.	
	A22	20030020844	01/30/2003	Albert et al.	
	A23	20030011560	01/16/2003	Albert et al.	
	A24	20020180687	12/05/2002	Webber	
	A25	20020130832	09/19/2002	Baucom et al.	
	A26	20020113770	08/22/2002	Jacobson et al.	
	A27	20020090980	07/11/2002	Wilcox et al.	
	A28	20020063661	05/30/2002	Comiskey et al.	
	A29	20020060321	05/23/2002	Kazlas et al.	
	A30	6870661	03/22/2005	Pullen et al.	

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Using as many sheets as necessary)		<b>Complete if Known</b>	
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		First Named Inventor	Paolini
		Art Unit	2873
		Examiner Name	Choi, William C.
Sheet: 2 of 8	Attorney Docket No.	H-364	

U.S. Patent Documents					
Examiner Initials*	Cite No. *1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear
	A31	6866760	03/15/2005	Paolini, Jr. et al.	
	A32	6865010	03/08/2005	Duthaler et al.	
	A33	6864875	03/08/2005	Drzaic et a.	
	A34	6842657	01/11/2005	Drzaic et al.	
	A35	6842279	01/11/2005	Amundson	
	A36	6842167	01/11/2005	Albert et al.	
	A37	6839158	01/04/2005	Albert et al.	
	A38	6831769	12/14/2004	Holman et al.	
	A39	6825970	11/30/2004	Goenaga et al.	
	A40	6825829	11/30/2004	Albert et al.	
	A41	6825068	11/30/2004	Denis et al.	
	A42	6822782	11/23/2004	Honeyman et al.	
	A43	6819471	11/16/2004	Amundson et al.	
	A44	6816147	11/09/2004	Albert	
	A45	6788449	09/07/2004	Liang et al.	
	A46	6753999	06/22/2004	Zehner et al.	
	A47	6750473	06/15/2004	Amundson et al.	
	A48	6738050	05/18/2004	Comiskey et al.	
	A49	6727881	04/27/2004	Albert et al.	
	A50	6724519	04/20/2004	Comiskey et al.	
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	A52	6710540	03/23/2004	Albert et al.	
	A53	6704133	03/09/2004	Gates et al.	
	A54	6693620	02/17/2004	Herb et al.	
	A55	6683333	01/27/2004	Kazlas et al.	
	A56	6680725	01/20/2004	Jacobson	
	A57	6672921	01/06/2004	Liang et al.	
	A58	6664944	12/16/2003	Albert et al.	
	A59	6657772	12/02/2003	Loxley	
	A60	6652075	11/25/2003	Jacobson	

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Sheet: 3 of 8	Attorney Docket No.	H-364		

U.S. Patent Documents					
Examiner Initials*	Cite No. *1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear
	A61	6639578	10/28/2003	Comiskey et al.	
	A62	6580545	06/17/2003	Morrison et al.	
	A63	6545291	04/08/2003	Amundson et al.	
	A64	6538801	03/25/2003	Jacobson et al.	
	A65	6535197	03/18/2003	Comiskey et al.	
	A66	6531997	03/11/2003	Gates et al.	
	A67	6521489	02/18/2003	Duthaler et al.	
	A68	6518949	02/11/2003	Drzaic	
	A69	6515649	02/04/2003	Albert et al.	
	A70	6512354	01/28/2003	Jacobson et al.	
	A71	6506438	01/14/2003	Duthaler et al.	
	A72	6504524	01/07/2003	Gates et al.	
	A73	6498114	12/24/2002	Amundson et al.	
	A74	6480182	11/12/2002	Turner et al.	
	A75	6473072	10/29/2002	Comiskey et al.	
	A76	6459418	10/01/2002	Comiskey et al.	
	A77	6445489	09/03/2002	Jacobson et al.	
	A78	6445374	09/03/2002	Albert et al.	
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	A80	6413790	07/02/2002	Duthaler et al.	
	A81	6392786	05/21/2002	Albert	
	A82	6392785	05/21/2002	Albert et al.	
	A83	6377387	04/23/2002	Duthaler et al.	
	A84	6376828	04/23/2002	Comiskey	
	A85	6327072	12/04/2001	Comiskey et al.	
	A86	6323989	11/27/2001	Jacobson et al.	
	A87	6312971	11/06/2001	Amundson et al.	
	A88	6312304	11/06/2001	Duthaler et al.	
	A89	6301038	10/09/2001	Fitzmaurice et al.	
	A90	6300932	10/09/2001	Albert	

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U.S. Patent Documents					
Examiner Initials*	Cite No. *1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear
	A91	6271823	08/07/2001	Gordon , Il et al.	
	A92	6262833	07/17/2001	Loxley et al.	
	A93	6262706	07/17/2001	Albert et al.	
	A94	6252564	06/26/2001	Albert et al.	
	A95	6249271	06/19/2001	Albert et al.	
	A96	6241921	06/05/2001	Jacobson et al.	
	A97	6232950	05/15/2001	Albert et al.	
	A98	6225971	05/01/2001	Gordon , Il et al.	
	A99	6184856	02/06/2001	Gordon , Il et al.	
	A100	6177921	01/23/2001	Comiskey et al.	
	A101	6172798	01/09/2001	Albert et al.	
	A102	6147791	11/14/2000	Sheridon	
	A103	6144361	11/07/2000	Gordon , Il et al.	
	A104	6137467	10/24/2000	Sheridon et al.	
	A105	6130774	10/10/2000	Albert et al.	
	A106	6130773	10/10/2000	Jacobson et al.	
	A107	6128124	10/03/2000	Silverman	
	A108	6124851	09/26/2000	Jacobson	
	A109	6120839	09/19/2000	Comiskey et al.	
	A110	6120588	09/19/2000	Jacobson	
	A111	6118426	09/12/2000	Albert et al.	
	A112	6097531	08/01/2000	Sheridon	
	A113	6067185	05/23/2000	Albert et al.	
	A114	6055091	04/25/2000	Sheridon et al.	
	A115	6054071	04/25/2000	Mikkelsen, Jr.	
	A116	6017584	01/25/2000	Albert et al.	
	A117	5961804	10/05/1999	Jacobson et al.	
	A118	5930026	07/27/1999	Jacobson et al.	
	A119	5872552	02/16/1999	Gordon , Il et al.	
	A120	5808783	09/15/1998	Crowley	

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		Art Unit	2873
		Examiner Name	Choi, William C.
Sheet: 7 of: 8	Attorney Docket No.	H-364	

NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. *1	Document Citation	T <sup>2</sup>
	C1	Amundson, K., et al., "Flexible, Active-Matrix Display Constructed Using a Microencapsulated Electrophoretic Material and an Organic-Semiconductor-Based Backplane", SID 01 Digest, 160 (June 2001)	
	C2	Bach, U., et al., "Nanomaterials-Based Electrochromics for Paper-Quality Displays", Adv. Mater, 14(11), 845 (2002)	
	C3	Chen, Y., et al., "A Conformable Electronic Ink Display using a Foil-Based a-Si TFT Array", SID 01 Digest, 157 (June 2001)	
	C4	Comiskey, B., et al., "An electrophoretic ink for all-printed reflective electronic displays", Nature, 394, 253 (1998)	
	C5	Comiskey, B., et al., "Electrophoretic Ink: A Printable Display Material", SID 97 Digest (1997), page 75	
	C6	Drzaic, P., et al., "A Printed and Rollable Bistable Electronic Display", SID 98 Digest (1998), page 1131	
	C7	Duthaler, G., et al., "Active-Matrix Color Displays Using Electrophoretic Ink and Color Filters", SID 02 Digest, 1374 (2002)	
	C8	Jacobson, J., et al., "The last book", IBM Systems J., 36, 457 (1997)	
	C9	Jo, G-R, et al., "Toner Display Based on Particle Movements", Chem. Mater, 14, 664 (2002)	
	C10	Kazlas, P., et al., "12.1" SVGA Microencapsulated Electrophoretic Active Matrix Display for Information Appliances", SID 01 Digest, 152 (June 2001)	

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Sheet: 8 of: 8	Attorney Docket No.	H-364	

NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. *1	Document Citation	T <sup>2</sup>
	C11	Kitamura, T., et al., "Electrical toner movement for electronic paper-like display", Asia Display/IDW '01, page 1517, Paper HCS1-1 (2001)	
	C12	O'Regan, B. et al., "A Low Cost, High-efficiency Solar Cell Based on Dye-sensitized colloidal TiO2 Films", Nature, Volume 353, October 24, 1991, 773-740	
	C13	Pitt, M.G., et al., "Power Consumption of Microencapsulated Electrophoretic Displays for Smart Handheld Applications", SID 02 Digest, 1378 (2002)	
	C14	Webber, R., "Image Stability in Active-Matrix Microencapsulated Electrophoretic Displays", SID 02 Digest, 126 (2002)	
	C15	Wood, D., "An Electrochromic Renaissance?" Information Display, 18(3), 24 (March 2002)	
	C16	Yamaguchi, Y., et al., "Toner display using insulative particles charged triboelectrically", Asia Display/IDW '01, page 1729, Paper AMD4-4 (2001)	

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